App IX A

Previous References (1941 Apl)

P H C 46-39 (1-3)
133-39 (1-2)

File No 99-41

Serial Nos 15-17, 38

Later References

GENERAL AND REVENUE SECRETARIAT.

Serial Nos four

Part B for July 41

SUBJECT

Engineering measures for malarial Control

ky

6797
3 L920/1

General and Revenue Secretariat

Engineering Works to Control Malaria in the several towns —

MI File No 97 of 19 41-42 3770/2 [App F III—2]

Serial No

SECY LAW DEPT 948 - 0 - 1 - 2 GOVT OF MYSORE

(4) subd with a dft letter for appl by Govt

Lab 30/1 Ex 30/1 also Law Secy / Fin 30/1/42

Do Hlth 31/1/42

Do, Home 31/1/42

The Dir of P H

2117 Issued No L 6745 dy 4 2 42

Requests that the proposals may be subd with well considered schemes etc before the end of June 42

Secs A' 24/2/42 (General municipal)

From the Dir of P H

No B H 3042 dy 7 3 42

Forward the detailed estimates for the Engineering works to Control malaria in the several towns under the P H grant in the Budget for 1942-43 except in respect of Belur and requests that necessary provision may be made under the P H grant in the Budget for the receipt of detailed estimate in respect of Belur also may perhaps be availed submitted for perusal

Lab 21/5 Fin

(3) The Director of Public Health has submitted proposals for taking up

NOTE—Contn Sheet

WD 04155—GPB—55 000—23 10 41

Grant for anti-malaria measures for 1942-43

File No of 1941 — General and Revenue Secretariat

Serial No

anti-malaria measures of a permanent nature in ~~the~~ Bassein, Belur, Mudgere, Koppa & Sakrepatna at an estimated cost of Rs 42,761

The detailed plans & estimates for all the works except in the case of Belur have been also received

The including this amount, a provision of Rs three lakhs was proposed in the State Budget for 42-43 but only a sum of Rs 1,25,000 appears to have been provided for in the Supplt Budget Estimate of the State for 1942-43 now under consideration

These are measures for which provision is being asked for a long time Its necessary to undertake these works which are of a permanent nature and intended to eradicate malaria in these places. Having regard to the demands on the provision of Rs 1,25,000 made in the Budget for 1942-43, it would not be possible to spare any amount of it for the above anti-malaria measures.

Grant for anti-malaria measures in the State for 1942-43

6797/2

General and Revenue Secretariat — Jul File No — of 1941 — W — [App F III-2

Serial No 2

2) It is therefore submitted that a provision of Rs 40,000/- may be made in the State Budget for 1942-43 under a separate ~~head~~ sub head under 30 - Grant for Public Improvements ~~under~~ styled as the "Anti-malaria measures" to be operated upon by the Director of Public Health. Such an arrangement would facilitate the funds being drawn intact by the Dept of H and would also avoid unnecessary delay / correspondence in this matter

96) For orders:- Reference flag 16 to 15 Aug

Lawley 21/8/42

Jun Secy 29 C

97) Secy 29-8-42

Govt

2) The Budget for 1942-43 has already been fixed and no modification is possible at this stage

A.D.G. 31/8/42

Subs for perusal

3) The only course left under the circumstances is to

NOTE—Cont Sheet

WD C41 5—GPL—5Q 000—93 1041

SECY LAW DEPT 4694 20 MAY 1942 GOVT OF MADRAS

FINANCIAL SECRETARIAT U.D No. F1772-32 2 MAY 15

Grant for anti malarial measures during 1942

6777

File No. of 194 1-42 General and Revenue Secretariat

Serial No

Memorandum amount required for the second anti malarial measures out of the Town improvement grant provided in the State Budget for 42-43 and ask for an additional grant later on in the year. The file will be put up at the time of distribution of the grant for 42-43

In pursuance

Minute 29) of 30/4) from Hon'ble Minister

OFFICE OF THE DIST. FOR L S G & P H
Date 8 6 1942
No 7662

30) 4/4
16662

16/6

31) If approved, this file, will be returned to L S & P.W. with a Copy of the G O G 3655 6/P W 189/41-4 d 12 9 42 Sanctioning the Cuddapah Malarial Enquiry Committee at Sakrepatna

L.S.G.B. 21/6/42

× which was handed over to Sakrepatna Taluk Board

32) An extract of the Financial Secretary's orders re the meeting of the Cost of Engineering measures in connection with malaria control works to also put up

(on the Sakrepatna file)

16/9/42 L S G B)

16/9

1899

In BSPT

6797/L

Grant for engineering measures for malaria control in Cataun Talukas

General and Revenue Secretariat — File No — of 194 — [App F III-2

Serial No	
	33) The Continuance of the Malaria Control unit at Sakrepatna during the year 1942-43 has been sanctioned in G.O. No. G 3655 6/PH 189-41-4 dt 12.9.42 the sum of Rs 2600 required therefor being debited to 22 Public Health and Dist Charges — Estt & Contingencies. As Sakrepatna is a Village Panchayat the Cost of engineering measures at the place estimated at Rs 8061, the Cost thereof may be met out of the Grant for Rural Reconstruction for the current year, as offered by the Fin Secy on 28.8.42 perhaps it is for orders of the Rev Commr has to be consulted No on this head the Director has forwarded the Plan & estimate for the work
'Q'	'Q'
Sakrepatna Rs 8061	'E'
	34) The Cost of undertaking engineering measures to control malaria at Belur Hiriyur, Kotha and Mudegere would thus amount to Rs 34,720 only which has to be met out of the Town Improvement Grant for the current year 1942-43 The Plans and estimates for the works at have been prepared and submitted in respect of all the places except Belur for which detailed estimates are reported to have been called for by the Director of P H in his letter dt 7.8.42 They may perhaps be called for before taking any further action in the matter It is for orders of the question relating to Sakrepatna has to be referred to the Rev Commr separately
Belur Rs 6,200 Hiriyur Rs 10,000 Kotha Rs 16,000 Mudegere Rs 4,520 Rs 34,720	
	35) Draft letter to the Dir of P H is put up for orders

TYP ... SECTION
1 ... 1942
G N

NOTE—Cont Sheet

23/10

WD C415 —GPB—55,000—93 10 41

36) 1) Done
2) Resubmit as regards the Rev Commr

Engineering measures for malaria

File No 6797 / L97 Control in certain talukas of 1941

General and Revenue Secretariat

Serial No

To, The Director of Public Health
L4693 dt 11/11/42
Calls for the plan & estimate for undertaking the engineering measures to Control malaria at Belur

3) The file is resubmitted for orders with reference to para 35 of the rules

11/11 These papers relate to the grants asked for by the Director of Public Health for carrying out anti-malarial measures of a permanent nature in some village Panchayats & some Municipalities in the State. The estimates & plans have been prepared in regard to all these works.

Sanction is a village Panchayat The estimate for carrying out the engineering works for the prevention of malaria comes up for Rs 50,444/- As it is a village Panchayat, the required funds will have to be found out of the Rural Reconstruction grant during the current year. The amount is however large for one village Panchayat. The Revenue will be requested to furnish his opinion if at least half the above amount could be made available this year. This is for orders A

2) In regard to the four maths, further information has been called for from the Director of Public Health about the works to be taken up at Belur. Receipt of information will be awaited B

Engineering measures for Malaria Control
on Estate roads & Rp's

General and Revenue Secretariat | File No 97 of 191/ | [App F III—2

Serial No

C/

~~Anti-mosquito funds~~

(1) The estimates in respect of the three Mtks of Hoogjan Kuppa & Pandyan amount to Rs 10,000/-, Rs 14,000 & Rs 4,500/- respectively. If considered absolutely necessary, the following grant may be given during the current year, the balance being provided for next year.

(1) Hoogjan Rs 5000/-
(2) Kuppa Rs 4200/- } or Rs 13,720 only
(3) Pandyan Rs 4520 } Temporary grants.

(2) Of late, anti-malaria operations are being taken up on a large number of places by Mtks & Village Panchayats in the State this also becoming a regular feature of work of the Public Health Dept. Some Mtks like Dodabetta and Baranam (Anaikatti Taluk) have asked for anti-malaria measures being taken up at the cost of Govt in order that the works taken up already may be continued so as to yield tangible results, it seems quite necessary to place a certain amount every year at the disposal of the P H dept. So that the Dr of P H may operate on that funds, without reference to Govt for funds every time an application is made by a Mtk & without break in the work already taken up. Having regard to the demand on the Town Improvement funds, it will not be possible to divert the funds for such temporary purposes, like the grants are intended

NOTE—Contn Sheet

W D 04155—G1 B—55 000— 3 10 41

Engineering measures for Malaria Control
by Certain Medical Officers

File No 9/6797/1a of 1941

General and Revenue Secretariat

Serial No

for works of permanent nature Considered from all points of view it seems best to open in the Secretariat a subhead – "antimalaria Operations" either under the Deptt of P.H. or under Public Improvements – making suitable provision for this item of work hereafter beginning with the Budget of 1943-44 for orders

D

I.O. A. B C & D above are for orders

Law Reg 28/11/41

SECY TO GOVT OF INDIA

P&R may endorse
to Communications Dept
& Public Works
Engineers
& Rly Engineers also
Consulted

28-11

Law

15 Draft for orders of the Govt may be referred now to the Rly Commr in the first instance for favour of his opinion as A-B

28/11/41

PL put up draft letters to
I. the Rly Bd inviting
calling for their views

for 1/12/41

6767/L Engineering measures for malaria control

Continuation Sheet ML File No 97/W Current No [illegible] of 1941 Page

U/S submd with two drafts for orders

[illegible] to the drafts
for
18/2/43

[illegible] 14/2

To, The Dir of P H
L 8587 dy 25 2 43
Calls for further information

The Rev Comm
L 8588 dy 25 2 43
Calls for further information

(1) Subject to reference to para 44 A

Gen A 27/2 — GS 27/2 — (3) May be kindly sent to the Financial Secy for views of Govt in regard to the point raised at paras 42 & 44 (3) supra.

10324/1/43

Lawley 27/2/43

The may be done after replies are received from the Rev Comm, on a [illegible] from

Gen A 1/3/43 — GS 27/2/43 1/3/43

1-3-43

[illegible] 1/3/43

[illegible] Pl remitted the Dir of P H

for 2/3/43

From The Rev Comm
No CC 822/42-43 dy 7 3 43

States that half the Cost of the engineering works proposed to be undertaken at Sekondi [illegible] amounting to Rs 4061 may be met out of the reserve under the Rural Reconstruction Grants for the current year.

WD 1140—GPB—50 000—5-11-42

6767742

6767/L Engineering measures for Malaria Control in Some Mines and Estates

Continuation Sheet MI File No / Current No 97 of 41 Page

The P x D to seek a self-explanatory as for
Kind perusal the D P H has not yet
replied to this office Letter B 25/2/43 &
Draft reminder to the DPH Kutty Straffl
Attn Mr
Lacy
27/5

Lacy
28/5/43

To The D.P.H
Reminder No L 11694 B 31.5.43

TYPING SECTION
31 MAY 1943
GEN & CTT

31/5

Issued with a reminder
Mr
16.9.43

Issued for
16.9.43
No L 3345 B 17.9.43

This file relate to the carrying out anti-malaria Engineering measures at Bongaon Koppa & Mudigere and it is pending since the year 1943.
Subject for orders

GEN & CTT

31/5
17.9.43

Mr
10/5 ERG

12
15/7

May be filed

Lacy
17/7/43

Matters considered and instructions given at the meeting of the Dewan and the Second Member of Council with the Director of Public Health, on the 4th April 1941 in the Dewan's Chambers.

I. Subjects of the Director of Public Health -

1(a) Re. appointment of Health Probationers. The Second Member has ordered on the file that further proposals in the matter may be awaited from the Director of Public Health. The proposals have been received from the Director just to-day (4th). This will be worked up and submitted for orders.

(b) Re. posting of the 4 trained Health Probationers.- It has been ordered by the Member on the file that the Director may be asked to send proposals, through the Comptroller, taking into account any sanctioned places not yet filled up. The Director has been written to, accordingly.

2. Mandya Malaria Control Work - (Joint Committee Report). The proposals that have been made are for the control of malar in 15 villages in the Mandya Taluk and are in two parts. One relates to miscellaneous measures, like grading and canalising valleys, excavating in marshes, subsoil drains, breaching pon filling up pits, etc. The other relates to creating a dry belt round each village and breaching tanks.

The Second part involves difficulties of various kind and would require further detailed examination before orders could be passed. The first part could be taken up and sanc tioned immediately. The cost of the works included in this first part is estimated to come in the first instance to Rs.30,000. The work may have to be followed up, estimates fo further ork being obtained later on The amount will have be found from the Krishnarajasagara Works

Orders in this matter would now issue from the P W D (I R S) The Second Member has seen the file and has order that the file may be submitted to the First Member and the Dewan. The file is marked to the First Member and the Dewan through the Financial Secretary and is now with the Financia Secretary.

The position of the matter was explained during the

during the meeting. The Dewan suggested that health propaganda by the Department may be carried on in this area in this respect and that the Director may explain to the people the need for these measures and advise them, and that the services of Mr Seetharama Sastri may also be availed of for the purpose of doing propaganda work relating to the malaria control, cotton cultivation, etc , in the Mandya District.

3. Re. deputation of two Health Probationers for the D.P.H. course at Calcutta for 1941-42 The file is under submission to Second Member with the views of the Financial Secretary. The Second Member to whom the file was since submitted has caled for particulars as to when these probationers were recruited.

4(a) Question of additional grant under Town Improvement grants for anti-malaria works.- The case has been examined The Director requested first that a sum of Rs.50,000/- may ~~may~~ be set apart yearly for anti-malaria engineering works. After examination and correspondence the Director has been informed in this office letter No G.3823 dated 21st March 1941 that "it is not possible to allot additional grants under Town Improvement Grants and anti-malaria works and that all new works have to be deferred till next year unless they are quite urgent and cannot wait for a few months more, and that in the latter case, all possible attempts have to be made to meet these funds by re-appropriation by postponing less urgent works already provided for and not yet taken up".

(b) Request of the Director for grants required for malari engineering works in Hiriyur, Belur, Madigere, Sakrapatna and Koppa for 1941-42 This reference has been received recently from the Director and is being worked up. The Director explained at the meeting the position and the need for the proposed grant in regard to each of the items. The Dewan instructed that the case may be worked up very early and that particularly in regard to Hiriyur, the work that has been taken up may be completed with the help of some Town Improvement Grants In this connection the Director of Public Health suggested at the meeting that the amount of Rs 8,500 that has

that has been provided in the current years budget for the prevention of malaria and that could not be utilised this year might be taken over as Town Improvement Grant and given to Hiriyur town for carrying out one section of the cement concrete channel to be constructed in the Hiriyur river bed. It was observed that this proposed re-appropriation might be agreed to and that the Director might submit proposals to Government and take orders.

The Member observed also that the amount that is not likely to be spent out of the grant of Rs.9,014 for Periyapatna Health Centre might well be utilised for effecting some town improvements for Periyapatna Taluk. The Director said that proposals had already been sent to Government in this respect. A sum of Rs.6,200 that is not likely to be spent this year might be surrendered for this purpose of town improvement in the Periyapatna Taluk during this year. (The case is being worked up and will be submitted for orders)

Other matters and instructions.-

1. The Dewan observed that there was some foul smell near the Aircraft Factory. The Director explained that it was due to sewage from Cantonment passing over Domlur to Challaghatta Tank, and that this Challaghatta tank has also been a breeding-ground for mosquitoes. The Dewan instructed that the Director might write to the authorities concerned about this matter and see to it specially

2. The Dewan observed that the sewage main along the Kumbaragundi road (Lalbagh Side, Bangalore City) should not be allowed to be tapped and that there should be no bad smell. The Director said that a scoring plan for the next year had already been sent to Government in connection with the sewage system in the Bangalore City, one of the items therein being for the extension of the main from its present position

3. Kolar Town Water-Supply Improvement - Both the Member and the Dewan observed that no action had as yet been taken by Mr. K.S. Hutchu Rao, Sanitary Engineer, in spite of instruction, and there was much delay in regard to this matter. The Dewan remarked that this was very bad, and he ordered

that the Director should tell Mr. Hutchu Rao that he (Mr. Hutchu Rao) has given room for delay and complaints and is falling in our estimation and that serious consequences would ensue if he does not show improvement The Director may communicate this to Mr. Hutchu Rao in person, and also in writing.

Place	Previous year's grant	Grant now required	Office notes
Hiregnr.	Rs 6000 from Imptt Grant	Rs 8000 for Halls	The DP of may be asked to state the amt absolutely necessary for works to be continued this year.
		Rs 12000 for rwks	at the meeting of the Dir in the II Member's S I 39, the Dir said that this item of wait (vide proc 12 — P H 1930-31) th perhaps wait
Belur	Rs 4,750	Rs 3000 for Canalising & Irrigg Vishnutirtham valley & Drainage at the mine head	The Dir may be asked to state the a necessary for work during Fea
Mudigere	Rs 4,520	Rs 2,300 for one Appliance	may perhaps be purchased as present Engr must be consulted
Sakrepatna	Rs 4,506	Rs 3000 for filling in 2 tks	The Dir may be asked to state here a necessary Rs 3000 for filling 2 p tanks
J.B. Nagar	Rs 4,880	Rs 450	may be sanctd. The Dir says that his Ld Sum refers to Breaching 2 tanks & the bund

Orr 14/10

N.B

~~Note~~ Re (1) (2) & (3) the Govt requested to state the sum necessary & the says that the sums are absolutely necessary for the

21 by 11/40

by 21/11

Sl No	Name of Place	Previous year's grant	Grant now required	Office notes
	Hiregyni	Rs 6000 from Town Improvt Grant	Rs 8000 for Walls	The DP of may be asked to State the amount absolutely necessary for works to be continued this year.
			Rs 12000 for River	at the meeting of the Dir in the II Member's absence on 8 I 39, the Dir said that an item of grant for wall (vide proceedings P H 180-31) should be included. It was left to Members wait Perhaps wait
2	Belur	Rs 4,750	Rs 3000 for Canalising & trading & Thumbanadu valley & Drainage and the same work	The Dir may be asked to State the amount absolutely necessary for work during the Year
3	Mudigere	Rs 4,520	Rs 2,300 for river Protection	may perhaps be sanctioned as the above grant could be used not
4	Sakleshpura	Rs 8,506	Rs 3000 for Filling in 2 tanks	The Dir may be asked to State the amount absolutely necessary Rs 3000 for filling 2 tanks mentioned
5	T.B. Kaveri	Rs 1,880	Rs 1500	may be sanctioned. The Dir. says that his estimate for Rs 3000 for breaching 2 tanks & filling in the bund -

Ag 14/10

N.B

~~Note~~ Re (1) (2) & (3) the Director has requested to state the sum absolutely necessary & he says that the sums asked are absolutely necessary for the items

21 by 11/40

Ag 21/11

[redacted] Orders | Members Orders

Ce 2/1+

Members on
war duty

Ce 2/1+

not available

Ce 2/1+

Ce 2/1+

not available
[illegible]

Ce 2/1+

[illegible]
Ce 2/1+

Director

[illegible]

[illegible]

items

ndix F G—1]

BJECT

Diary No of letter replied to

General and Revenue Secretariat

)

the *193*

Date of issue 28th August 1941

Signed by

with draft a letter for approval

22/8/41

for

Secretary

Copies for the Common Control Proposals re the Emolument Centres

List of enclosures

Copied by

Examined by

Section

File No 97-41

Serial No 15

No

To

The Dir of P H

Sir,

I am directed to request you to forward Consolidated Proposals re the estimated amounts that may be required in respect of the Schemes for Controlling Emoluments in the different Towns of Each Division for the Current Financial year supplemental figures

Separate Proposals being also be sent to Govt Additionals re the Grants Required for each Town for the above purpose before 5-9-41

I have the

for Secy to Govt

Secretary

WD 0563—GPB—30 000—6 1 39

RC 97-41-16

3519

GOVERNMENT OF MYSORE

OFFICE OF

THE DIRECTOR OF PUBLIC HEALTH

IN MYSORE,

Bangalore, dated 11th December 41

Date

elegraphic Address

No DE 15 76

Encls one

To

The Secretary to Government,

Law Department,

Bangalore

Sir,

Subject: Consolidated proposals for antimalaria engineering works at Hiriyur, Belur, Ludigere and Sakrepatna

---

With reference to your letter No L 1708 dated 28-8-1941 and subsequent reminders thereon, on the above subject, I have the honour to state that the amount required for the antimalaria works is Rs 42,761/-, as per details given below.

A note giving the details of the works in each place is appended

Chitaldrug District --	Hiriyur		Rs 10,000/-
Hassan District	Belur		6,200/-
Kadur District	Ludigere	4,520/-	
	Koppa	14,000/-	
	Sakrepatna	8,041/-	
			26,561/-
	Grand Total	Rs	42,761/-

I have the honour to be,

Sir,

Your most obedient servant,

Director of Public Health

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE

General and Revenue Secretariat

Bangalore, dated 23rd **August 41**

No 1708

From

The Secretary to the Government of His Highness the Maharaja of Mysore
Law Deptt

To

The Director of Public Health in Mysore,

Bangalore

Sir,

I am directed to request you to forward consolidated proposals re the estimated amounts that may be required in respect of the schemes for controlling malaria in the different towns of each District for the current year out of Town Improvement grant for 41-42 Separate proposals may also be submitted to Government re the grants required for each town for the above purpose before the 5th September 1941

I have the honour to be,
Sir,
Your most obedient servant,

V Arunachalam

For Secretary to Government,
Law Department

bnl 2

A Note on the Engineering Works for Malaria Control in Hiriyur, Belur, Mudigere and Koppa and Sakrepatna

Hiriyur - The amountof the comprehensive scheme for this work is Rs 60,570/-, the first ard second stages of the work amounting respectively to Rs 3,700/- and Rs 7,000/- have been executed so far and the outlay booked is about Rs 8,500/-

The comprehensive scheme consists of the following major heads

(i) Hallas and ponds
(ii) Installation of flushing gates in the channels
(iii) Canalising the river

(i) Under hallas and ponds, so far as the progress secured uptodate is concerned, a sub-soil jelly drain to a length of 2,700 r ft has been constructed and clay pipes have been laid over a length of 3,925 ft In addition to this an open drain with the bottom and sides rivetted has been constructed to a length of 1,520 ft and the excavation of a furtner length of 5,000 ft is completed to put in necessary pipes Two automatic syphons of Devillier's type have been installed in Cheeta and Mallerhalla valleys

(ii) A flushing gate for installation on the right bank channel has been manufactured at the Central Industrial Workshop Bangalore, along with necessary gear arrangement and the masonry works connected with the installation of the same have been entrusted to the Executive Engineer, Chitaldrug Division

(iii) An earthen channel with an average depth of 3 ft and about 12 ft wide has been opened in the bed of the river in order to confine the flow into the same This is an incomplete work and the channel has to be deepened and widened besides providing a lining of impervious material so as to prevent pockets being formed,

In addition to these, certain minor works such as jungle clearing, clearing of vegetation in the marshy areas, putting up slabs across channel crossings have been done in order to prevent the stagnation of water

Regarding the further amounts required, a sum of Rs 10,000/- may be provided for further works connected with canalising the river bed and for the erection of the automatic syphons across the channels It is, however, noticed that the rates provided for these items of work require revision, so that until the estimate is revised, it is not possible to undertake the respective items of work.

B e l u r - An estimate amounting to Rs 4,750/- has been sanctioned in Government Order No L 5659-61/Ml 48-38-198 dated 19th December 1939 for engineering works to control malaria at Belur and the outlay incurred upon the same so far is Rs 4,676-8-0

The sanctioned estimate provided for grading the bed of the fort moat at Belur with necessary construction of culverts so as to drain off all the water without giving room for stagnation, and at the same time it provided for filling up the scours in the waste weir valley of Kalsinkere Tank, so as to prevent the breeding of mosquitoes there.

Both these items of work have been completed but it is noticed that there are a few points in the fort moat where stagnation is still taking place and it is necessary to close the up in order to derive the best results from the works executed so far This is estimated to cost Rs 1,200/-

In addition to these, there is another spot where mosquitoes breed at Belur, viz , the waste weir valley of Vishnusamudra Tank Detailed estimates for this work are not yet prepared A sum of Rs 5,000/- may be provided for this during the current year

Mudigere - No works have been started at Mudigere The construction of automatic syphons across the Sundekere Halla at Mudigere was the one work estimated at Rs 4,520/- Tenders for this work were called for during 1939-40, and since the cost was much higher than the amount of the estimate the works were not undertaken The full amount may be provided during the current year

K o p p a - The anti-malaria works are estimated to cost Rs 14,000/-, but no amount has so far been sanctioned and no works have been undertaken A sum of Rs 14,000 may be provided during the current year

Sakrepatna The amount of the comprehensive scheme for this work is Rs 9,306/- This includes Rs 6,250/- being the cost of estimate submitted by this office and Rs 3,056/- being the cost of acquisition of wet lands as per Bureau of Epidemiology Superintendent's recommendations for including the same to the estimate prepared by this office for executing the permanent works suggested.

During the year 1938-39, the work of clearing the rank vegetation in the moat was carried out, which has amounted to Rs 1,265 as per booked outlay

The comprehensive scheme consists of the following major heads -

1	Earth work filling for deep scours to regrade the bed of the moat	Rs 3,804/-
2	Constructing a retaining wall with rough stone in mortar, for protecting the earth from scouring action at the existing opening leading to Vedavati River	Rs 96/-
3	Thick jungle clearing in the bed of moat with roots	Rs 800/-
4	Providing side revetment for the irrigation channels with in a half mile zone of the peripherry of the village	Rs XX,XXX/- 1,320/-
5	Acquisition of wet lands (as per subsequent recommendations of the Superintendent, Bureau of Epidemiology)	Rs 3,056/-
	Contingencies	Rs 230/-

The amount of comprehensive scheme is Rs 9,306/- For jungle clearing an amount of Rs 1,265/- has already been spent The balance of Rs 8,041/- may be provided for the remaining items of the scheme

Thus the total amount required for the antimalaria works during the current year is Rs 42,761/- as follows -

Hiriyur	Rs 10,000	
Belur	6,200	Total
Mudigere	4,520	Rs 42,761/-
Koppa	14,000	
Sakrepatna	8,041	

A S Venkatachalam
for Director of Public Health

Appendix F G—1]

SUBJECT

Section Jnl

File No 97-41

Serial No 17

Diary No of letter replied to

No 16745 The Dy Sy PH in Mysore B'lore

To Sir,

General and Revenue Secretariat

( )

the *193*

With ref to your letter No BE 1576 dy 12.12.41 stating that a sum of Rs 42,761/- would be required during the current year to execute certain engineering works in order to control malaria at Hiriyur, Belur, Mudigere, Kotta and Sakrepatna, I am directed to request you to submit your proposals with well-considered detailed schemes and estimates for each town separately well in time before the end of June 1942 so that the required funds may be considered in connection with the State Budget for the year 1942-43

Date of issue 4th Feb 7-42

Signed by Mr G. Ramachandra for

to state that it is not possible to make any funds available further grants during the current year at this stage of the year and provide the grant-in-aid from the 7 I

List of enclosures

Copied by

Examined by

P Laxmi

Hm 31/1/42

Secry to Govt Law Deptt

GOVERNMENT OF MYSORE

STATE DEPARTMENT OF HEALTH

11 MAY 1942 6797 L S G BR

BUREAU OF EPIDEMIOLOGY AND COMMUNICABLE DISEASES

SESHADRI ROAD

No B 47 3042

Enc 4 Statements

From

Bangalore (S India) dated 7th May 1942

To The Director of Public Health in Mysore, Bangalore

The Secretary to Government, Law Department, Bangalore

SECY. LAW DEPT. GOVT. OF MYSORE

Sir,

With reference to your letter No 6745/Rl 97-41-17 dated 4th February 1942, asking for detailed schemes and estimates for anti-malarial engineering schemes, I have the honour to forward herewith the following detailed estimates except item No 2 for which detailed estimates are called for These have been considered with due regard to urgency and importance and recommended for acceptance Necessary provision may kindly be made in the budget for 1942-43 under town improvements

1.	Piriyur	Rs 10,000
2.	Belur	6,000
3	Tudigere	4,520
4	Koppa	14,000
X5	Sakrapatna	8,041

36561 6000 4256

I have the honour to be,

Sir,

Your most obedient servant

S. Sankaran

Director of Public Health

Appendix F G —1]

SUBJECT Adoption of engineering measures to Control Malaria at Shettigur, Belur, Mudigere, Kotha and Sakrepatna

Section ML

File No 97-41

Serial No 38

Diary No of letter replied to

L 4693

No

To The Director of P.H. Mysore

Sir

General and Revenue Secretariat

( )

the *194*

With reference to your letter no B.M. 3042 dt 7.5.42 ~~C.H.453-6 dt 29.3.42~~ on the above subject, I am directed to request you to be so good as to forward the plan and detailed estimate for undertaking the anti-anopheles engineering measures to Control Malaria at Belur as the question has been pending for long and has to be brought to a final quickly without any further delay

Date of issue 11 11 42

Signed by Very early

Yr GKRao.

The matter may be kindly treated as extremely urgent

I have etc.

For Secy to Govt

Law Dept

List of enclosures

Codied by 12/11/42

Examined by

WD 04161—GPB—60 000—24 10 41

Appendix F G—1]

SUBJECT

Section Mal

File No 97-41

Serial No 39

No L 8587 Do, The Dir of P W in any Sent

To Sir,

Adverting to your letter no BM. 3042 Dated 7-8-42 re: the adoption of Engineering measures to Control malaria at Horiyur, Kotta, Mudgere, Belur and Sakrepatna I am directed to enquire if the annual (with damages) rental aggregate each McLy bill for Office during the current year, the balance being drawn available later on & whether the works could be taken up after all arrears of dearth of cement & other materials In regard to the work at Belur the submission of the plan and detailed estimate already called for in this Office letter no L4693/Mal 97-41-38 dt 11.11.42 may be expedited The Rev Commr

Diary No of letter replied to

General and Revenue Secretariat

( )

the 193

Date of issue 25/2/43

Signed by Mr GRR.O

1 Horiyur Rs 5000
2 Kotta Rs 4200
3 Mudgere Rs 4520

List of enclosures

Copied by

Examined by

Has been separately requested
to ~~State if Govt~~ furnish
his opinion if any of the
~~Govt~~ amount required for carrying out
the engineering measures at
Sakrepatna, which is a Village
Panchayat, Could not be made
available from out of the
Rural Reconstruction grant
during the current year. Necessary
further action will be taken in
respect of the works at Behrampur
and Sakrepatna on receipt
of the information called for

The favour of an early reply is
requested

S. Lawrence

for

For Secy to Govt
Home Deptt

Appendix F G—1]

SUBJECT

Section Rel

File No 97– 41

Serial No 40

Diary No of letter replied to

No L 8588 Do, The Rev Commr

To Sir, I am directed to state that the Corps carrying out Castaw engineering works for the prevention of malaria at Kaduwa Sakrepatna is estimated by the Dir of P H at Rs 8061 And as it is a Village Panchayet, the required funds will have to be found out of the Rural Reconstruction grants during the current year I am to request you therefore to be so good as to furnish your opinion if half of this amount this year could be made available & the other half be made available next year

A very early reply is requested I have &c

for Secy to Govt

General and Revenue Secretariat

( )

the *193*

Date of issue 25/2/43

Signed by Mr. GPR Rao

List of enclosures

Copied by

Examined by

WD 0521—GPB—30 000—12 3 37

Memo No 2

Copy of the above is forwarded
W/C to the Director for information
with reference to my letter No 6M 3062 dated 25-6-
on the subject, for information

Sd/-

for Secretary to Govt
Labour

WD 05967—GPB—50 000—9/43

194

From
Mothamed-ul-mulk
Gulam Mohiyuddin Mehkri Esq B A ,
LL B ,
Revenue Commissioner in Mysore

To

C Narayanaswamy Naidu Esq B A ,B L
Secretary to the Government of
His Highness the Maharaja of Mysore,
Law Department ,Bangalore

Dated 7 MAY 19..

Despatched

Received

General No C 4822/42-43
No

Enclosure No

Prevention of Malaria at Sakrepatna in Kadur taluk

Sir,

With reference to your letter No M L 97-41-40 dated 25th February 1943, on the above subject, I have the honour to state that half the estimated cost of carrying out certain Engineering works for the prevention of Malaria at Sakrepatna in Kadur taluk, amounting to Rs 4041/- may be met out of the available reserve in my Office under ~~Record of Rights~~ Rural Reconstruction grants

I have the honour to be,
Sir,
Your most obedient servant,

Revenue Commissioner

L1524 Dtd

To

The Director of Public Health in Mysore

Sir,

With reference to the correspondence ending with his Office reminder No L6226 dt 15/12/43 calling for the detailed estimate for carrying out the Anti-malaria Engineering measures at Hariyur, Kopha and

Mudagere, I am directed to state that subsequent to Dec 43 nothing has been heard from You in this matter.

2) The Form abstract Estimates received from You are therefore herewith returned as requiring no action

I have the
from
for Secy Commr

App F XI—4]

File No 97-41

Serial No 39

ENT

Shall a reminder be issued to DMH

for a reply to this Office letter No 8587 dated the 25/12/43

Subject: Calling for detailed estimate for carrying out anti-malaria Engineering measures at Hinjere Korpa and Mudgere

17 DEC 1943
GEN & REV

Subject matter of this estimate may be returned to the Dir of Health

yes I say that subsequent to receipt of 3345 dated 17 9 43 has been received from DGIR 2934 dated 13 11 43 and pencilled 6228 dated 18 12 43 returned as requested

7/8/43

Sent with a draft letter to DMH accordingly

8/8/43

REMINDERS

No	Date	

TYPING EC
CALCUTTA

P. W Genl 80] PUBLIC WORKS DEPARTMENT Division

ABSTRACT

~~Details of~~ estimate for Aue Across Kusare Halla at Koppa for installing Deubler's Syphons to flush the halla and reclaiming halla

Item No	Description of work	No.	Rate ~~Measurement~~ Rs	As	P	Contents	Total Cost
	(1)						
1	Removing Sandy Stuff Slush and Earth and exposing bed for laying foundation	Cyd	—	6	—	20	8
2	Cutting and Removing hard Rock for laying foundation of Aue	Sft	—	5	—	400	125
3	Laying Cement Concrete where necessary to fill up halla (1 2½ 5)	Cft	—	8	—	100	50
4	Constructing Rubble Stone in Cement Mortar (1 4)	Cft	—	9	—	1038	584
5	R C C Wall	"	2	—	—	23	46
6	Constructing a Scouring Sluice in the body wall of aue, providing & fixing C I Shutter, Kits patent locking arrangements		Ls				100
7	Providing & fixing Deubler's Syphon into 1½ dia G I pipe complete as per design and all fixtures	No	250	—	—	2	500
8	Cement pointing to Body wall	Sqr	3	—	—	1120	34
9	Constructing Rough Stone Revetment for Returns including pitching, filling and wedging etc	Cyd	2	8	—	40	100
10	Bailing out water		Ls				75
11	Plastering bed of Syphon in Cement mortar 1 2	Sqr	10	—	—	½ Sqr	5
	Carried Over						1027

Item No		No	Rate Rs	Rs	P	Contents	Total
	Brought Forward						1627
12	Constructing Ring bunds	—	Ls				50
13	Laying Cement Concrete flat over body wall	C ft	1	—	—	115	115
14	Unforeseen		Ls				2018
15	Temporary establishment (Temporary on Rs 25/- for 4 months)		Ls				100
				Total Rs			2100
16	Total Cost of 2nd Quarter above						2,100
	Total Cost of 2 quarters — —						Rs 4,200/
	II Constructing Revetment for Sides of Halla and Deepening Hallas to prevent Stagnating water						
1	Jungle clearing	Sqft	—	—	3	7333	115
2	Constructing Dry Stone in Cement Mortar (1:6)	C ft	—	9	—	3605	2,028
3	Cement pointing (1:2) grade wall	Sq:	3	—	—	35	105
4	Constructing Rough Stone Revetment including Stone jelly filling wedging etc complete	C yd	2	8	—	2750	6,875
5	Earthwork for Constructing Revetment & filling where necessary			Ls			258
6	Unforeseen			Ls			219
7	Temporary Masonry at Rs 25/- per mensem for 8 months						200
				Total			Rs 9,800
	Grand total of I & II		4,200 + 9,800				Rs 14,000/

Sanitary Engineer,
Bureau of Sanitary Engineering,
Bangalore

Carried Over

W D 06341—GPB—48 000—16 7 40

P W Genl 80] PUBLIC WORKS DEPARTMENT Division

Details of estimate for Constructing an Aue across the Musare Halla at Koppa for Installing Devidleer's Syphon to flush the Halla and Sechaing hallas

Item No	Description of work	No.	Measurement L	B	D	Contents	Total
1	Removing Sandy Stuff, Slush and Earth & exposing bed for laying foundation		Ls			20 C-ft	20 C ft
2	Blasting & removing hard Rock for laying foundation of Aue	1	90	9½	-	315	
	" for Returns	2	12	3		72	
	" for Syphon portions	Ls				13	
	Total					400	400 S ft
3	Laying Cement Concrete where necessary to fillup holes (1 2½ 5)		Ls			100	100 C-ft
4	Constructing body wall & Returns with Rubble Stone in Cement Mortar						
	Body wall	1	90	$\frac{2+3½}{2}$	3½	866	
	for Returns	2	12½	2	3½	175	
	" Steps	2	$\frac{5+12}{2}$	1½	6	153	
	Total					1194	
	Deduct for						
	Concrete flat over body wall	1	90	2	½	90	
	for Steps	2	12	1½	½	18	
	for portion where R C wall is built in the Body wall	1	5	$\frac{2+3½}{2}$	3½	48	
	Total deduction					156	
	Balance for Measurg					1038	1038 C ft
5	R C C Retaining wall in front of Syphons	1	5	$\frac{1+1½}{2}$	3½	23	23 C ft

Carried Over

Item No		No	Rate Rs	Rate Ch	Rate P	Contents	Total
	Brought Forward						
6	Constructing a Scouring Sluice in the Body wall of Aue by the side of Syphon, providing & fixing C I Shutter, Kirk's patent with locking arrangements etc Complete			Ls			100 Rs
7	Providing & fixing Delivery Syphon with 12½' diameter pipes etc Complete, including all fixtures	2					2 Nos
8	Cement from tunp to Body wall	1	90	8	-	720	
	Returning	1×4	$\frac{12+5}{2}$	-	6	204	
	Body wall & Returning	1×4	12	3½	-	168	
	Extra					28	
		Total = S ft				1120	1120 Sqr
9	Constructing Rough Stone Revetment for Returning	1×4	20	1½	8	960	
	Extra in other places					120	
						1080 cft	40 cyd
10	Barking at Water		Ls				75 Rs
11	plastering the bed of Syphon with Cement Mortar (1:2)			½ Sqr			½ Sqr
12	Constructing Ring bunds			Ls			50 Rs
13	Laying C C Slab over						
	Body wall	1	85	2	½	85	
	Steps	2	12	1½	½	18	
	Extra					12	
		Total				115	115 cft

Carried Over

W D 06341—GPB—48 000—16 7 40

P W Genl 80] PUBLIC WORKS DEPARTMENT Division

Details of estimate for

Item No	Description of work	No.	Measurement L	B	D	Contents	Total
14	Unforeseen		Ls			Rs	208
15	Temporary establishment					Rs	100
16	Cost of Constructing 2nd one lower down the halla					Rs	2,100
	Total Cost of 2 anes						
11	Constructing Revetment for sides of halla & Securing hallas to prevent Stagnation of water.						
1	Jungle clearing —	5	660	20		66000	73333 sq
2	Constructing 2nd class stone in Cement Mortar in grade walls at 7 walls per hallat 100' apart as per details in Calculation Sheet	35	100	cft		3605	3605 cft
3	Cement pointing to superstructures only exposed parts	35	x 1	Sqr		35	35 Sqr
4	Constructing Rough Stone Revetment in cement jelly filling etc complete for a width of 5' ft along the slope	5x2	660	5	1½	49500	
	Bed of halla	5	660	5	1½	24750	
			Total	in	cft	74250	2750 cyd
5	Earthwork					Rs	258 Rs
6	Unforeseen					Rs	219 Rs
7	Temporary establishment					Rs	200 Rs

Carried Over

Item No		No	L	B	D	Contents
	Brought Forward					
	Carried Over					

W D 06341—(PB—48 000—16 7 40

6881

WD 07011—GPB—75 000—26 5 42

To G/10952/Sel/1 & 16/3/43 4119
The Dr of P H P H 3-42-54

40]
c+ 194

Sir

I am directed to forward herewith for favour of a report the following extract from the petition addressed to the minister Local Self Government and Public Health by the public of Hiriyur Taluk and the members of the municipal Council of Hiriyur town re anti malaria Engineering works

I have etc
4/6/43
For Secretary to Govt
Law Dept

* "Here enbie extract"

irector of Public Health
in Mysore, Bangalore

ecretary to Government
Law Department Bangalore

ay 27, 1943
ed

o

No B.M.2535-0
o

nclosure No

ter No.G 10952/P H
nt reminder No G 12970
report on the extract
Hiriyur regarding
have the honour to
eau of Malariology

and the Sanitary Engineer have been requested to

p t o

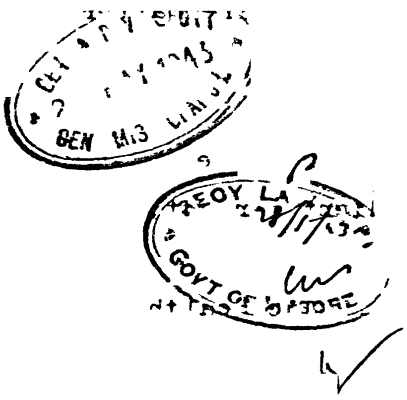
18/1/44

6881

WD 07011—GPB—75 000—26 5-42

C F No 40]

194



From

The Director of Public Health
in Mysore, Bangalore

To

The Secretary to Government,
Law Department, Bangalore

Dated May 27, 1943

Despatched

Received

General No B.M.2550
No

Enclosure No

Sir,

With reference to your letter No.G 10952/P.H. dated 16th March 1943 and subsequent reminder No G.12970 dated 12th May 1943 calling for a report on the extract of the petition from the public of Hiriyur regarding anti malaria engineering works, I have the honour to state that the Superintendent, Bureau of Malariology and the Sanitary Engineer have been requested to

p t o

18/1/44

Item No	No	L	B	D	Contents	Total

Signed by

List of enclosures

Copied by

Examined by

D o ~~letter~~ no A R P 1/42-43 dated 24th December 1942 ~~on the above~~ regarding the above subject ~~Subject~~, I am directed to enquire whether any further action has been taken by the Municipal Council in this connection since the subject has been pending for a very long time, the ~~action of the Council may be expedited~~ favour you are requested will

Yours Sincerely

WD 04161—GPB—60 000—24 10 41

SORE

GOVERNMENT OF MYSORE

Office of the Director of Public Health
in Mysore,
Bangalore, November 8, 1943

No B.M 961

SECY LAW DEPT
To
13
GOVT OF MYSORE

GEN & PCY SECRET'T
2934/L
13 NOV 1943
G BRANCH

The Secretary to Government,
Law Department, Bangalore

Sir,

With reference to your letter No L 3345/ML dated 17th September 1943, requesting submission of detailed estimates in connection with anti malaria engineering measures at Hiriyur, Koppa and Mudigere, I have the honour to state that on account of the sudden transfer of the Sanitary Engineer, the estimates have had to be prepared after a further inspection by the new Sanitary Engineer The papers have been referred to him and immediately the estimates are ready, the same will be submitted to Government for favour of sanction

I have the honour to be,
Sir,
Your most obedient servant,

Director of Public Health

To L6228 dt 18/12

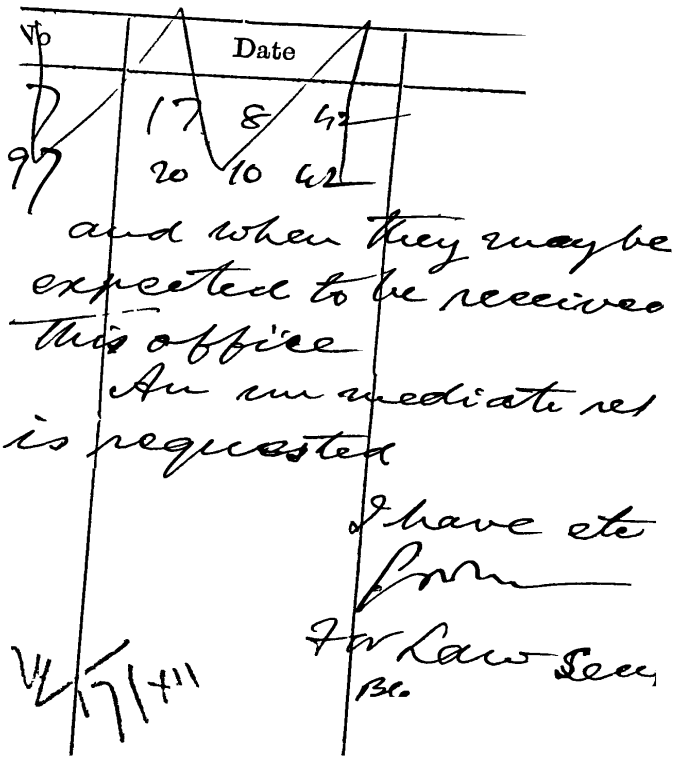
The Director of P H ---

Sir,

With reference to the correspondence ending with your letter no. BM 961 dt 12 11 43 re submission of detailed estimates for carrying out anti malaria engineering measures at Hiriyur Koppa and Mudigere, I am directed to enquire whether the same have since been prepared and sent up by the present Sanitary Engineer

PTO

REMINDERS


No
Date
17 & 42
20 10 42
and when they may be
expected to be received
this office
An immediate rel
is requested
I have etc
For Law Secy
Bd.

C F No 46] **GOVERNMENT OF MYSORE**

No Pm 1308 **OFFICE OF** Director of Public Health
Encls - in Mysore, Bangalore,
Date 31st Decr 1943

To The Secretary to Government,
Law Department, Bangalore

Sir

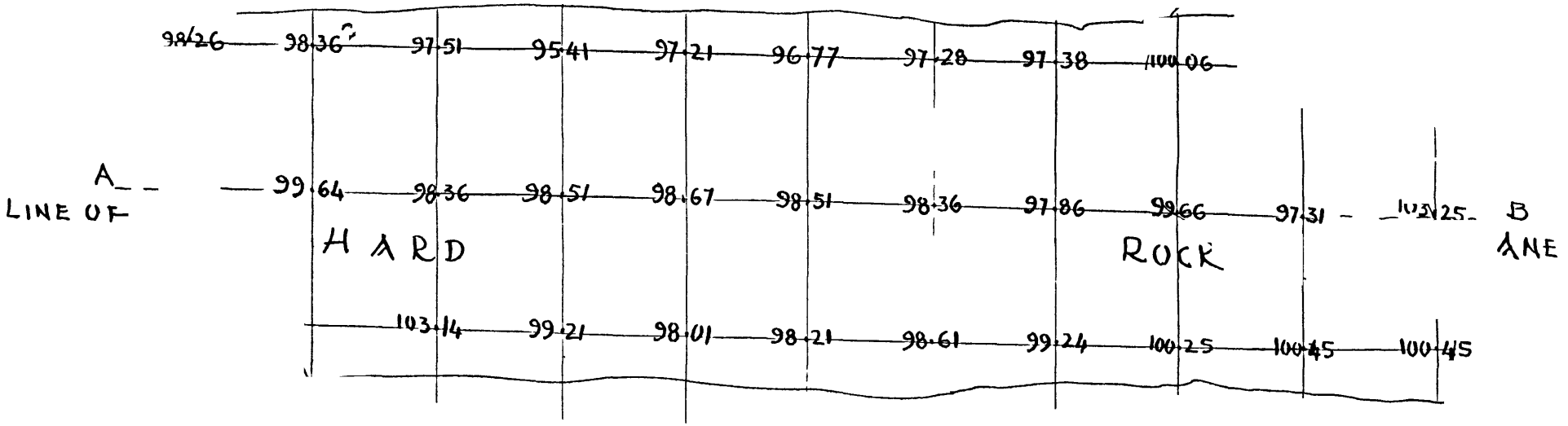
With reference to your letter No I 6228, dated 18th December 1943 and further reference to this office letter No B I 961, dated 12-11-1943 regarding submission of detailed estimates for carrying out anti-malaria engineering measures at Hiriyur, Koppa and Mudigere etc I have the honour to state that it has not been possible to have the joint inspections as the present Sanitary Engineer has gone on leave on account of ill-health As soon as he returns to duty the estimates will be got prepared and submitted to Government

I have the honour to be,
Sir,
Your most obedient servant,
Director of Public Health

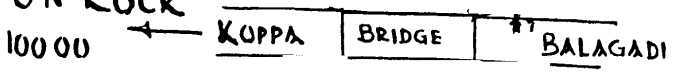
Submitted for perusal
The receipt of the
estimate may
perhaps be awaited
BG 18/1

Yes full Sanction may now
18/1/44

BLOCK LEVELS OF THE SITE OF ANE ACROSS MUSARE HALLA AT KOPPA - FOR INSTALLING AUTOMATIC SYPHON -

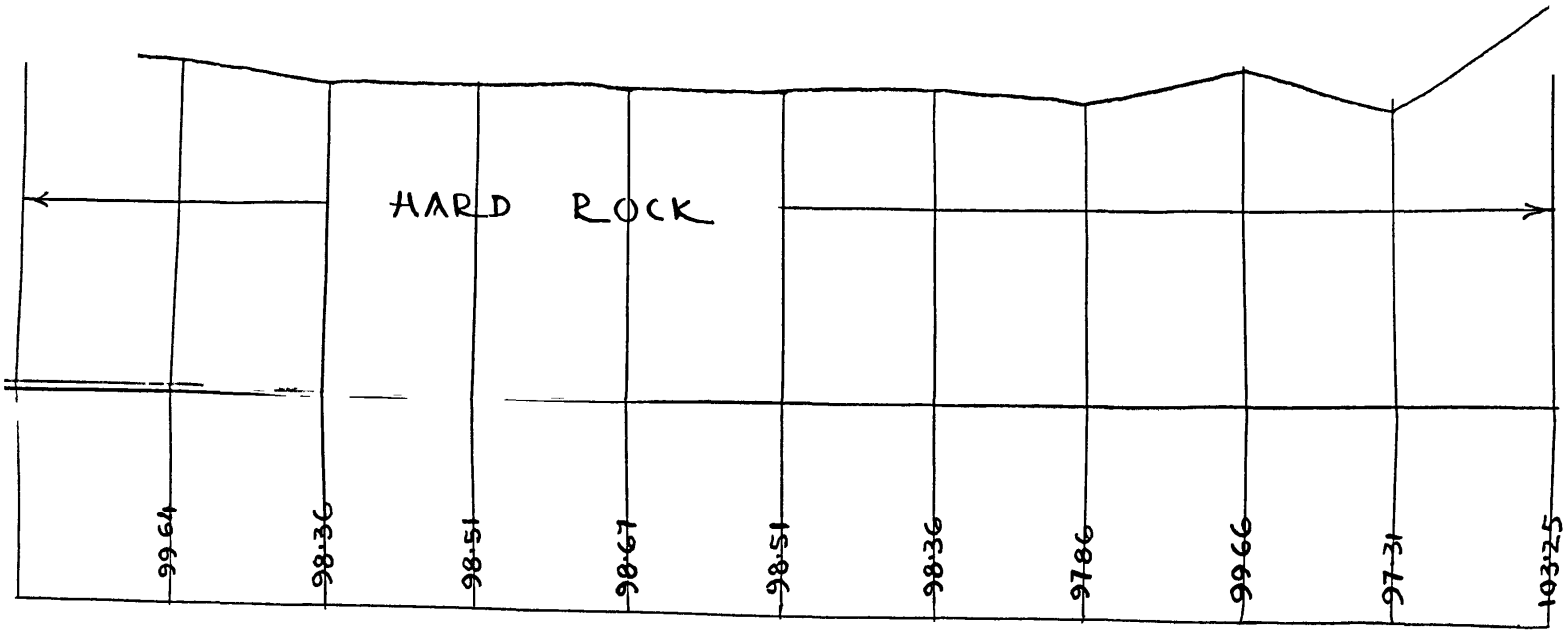


BLOCKS LEVELS ON HARD ROCK
SITE 250' BELOW THE NEW BRIDGE
ACROSS MUSARE HALLA
B M OF THE POINT SHOWN
ON ROCK

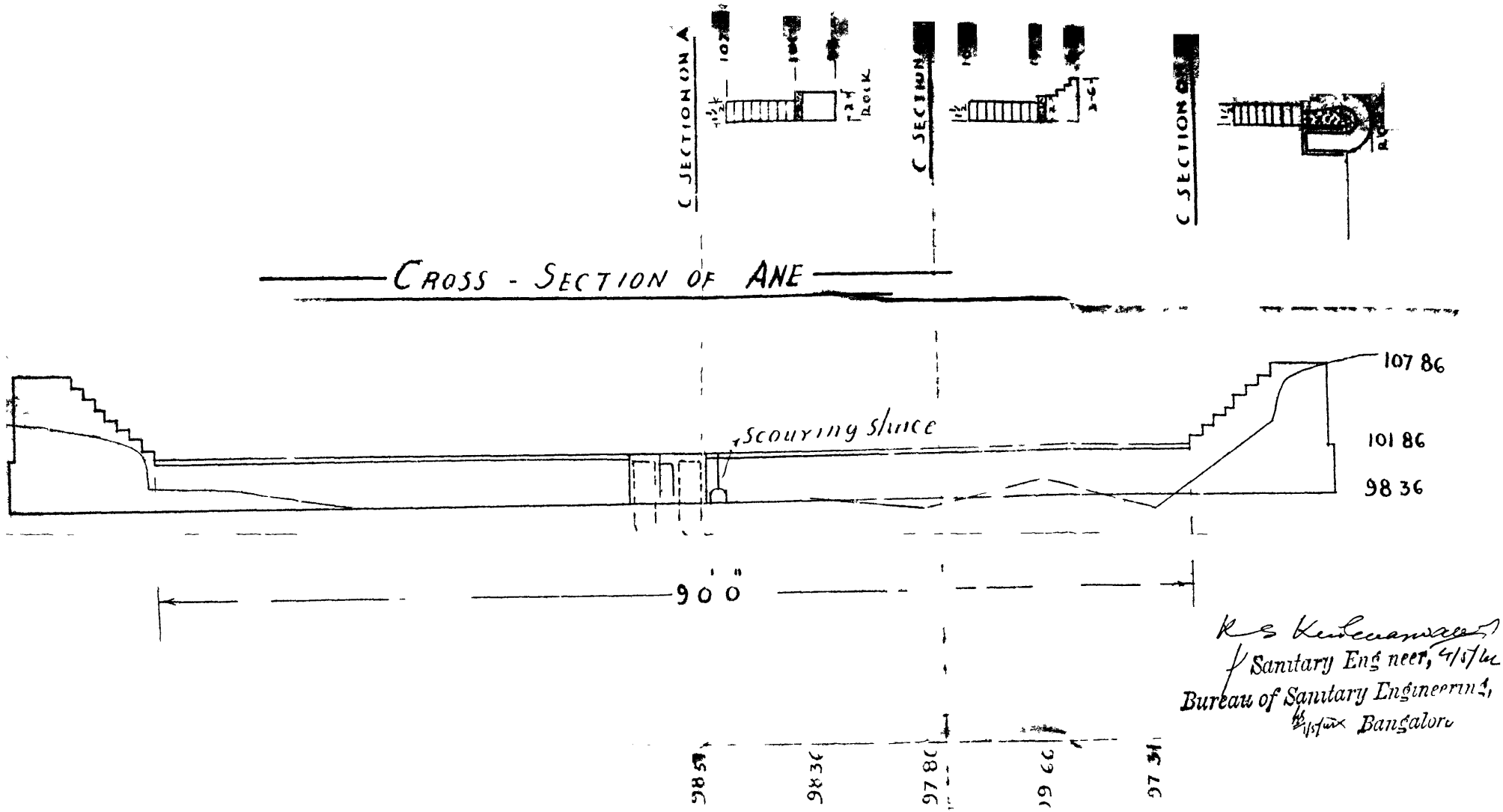


CROSS-SECTION ON AB

VERTICAL
HORIZONTAL 1" - 10'



Sanitary Engineer, 4/5/61
Bureau of Sanitary Engineering,
Bangalore

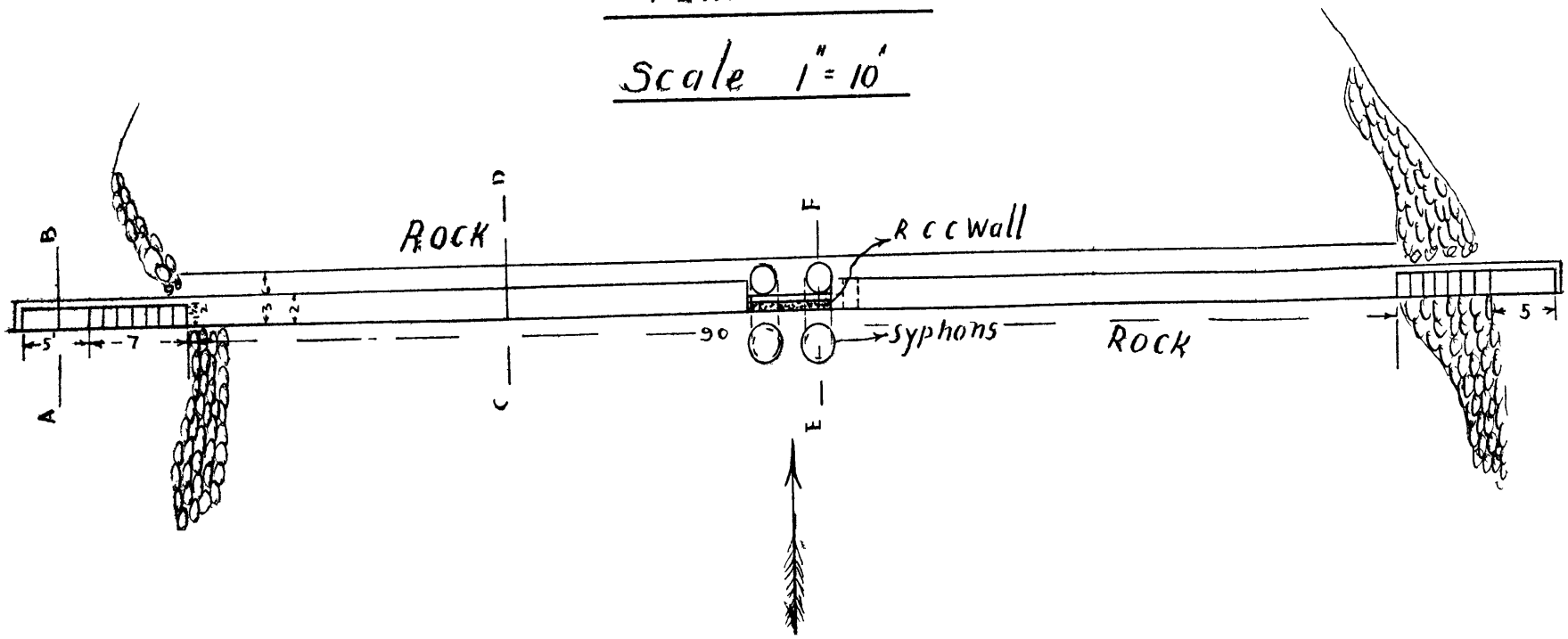


K S Kencanawar
Sanitary Engineer, 4/5/46
Bureau of Sanitary Engineering,
Bangalore

PLAN and C S of ANE at KOPPA across MUSARE HALLA

PLAN OF ANE

Scale 1" = 10'



P W Genl 80]

Division

PUBLIC WORKS DEPARTMENT

ABSTRACT ~~Details of~~ estimate for Constructing a Masonry Arch across Emme Hole, Mudigere Taluk & Installing automatic Syphon

Item No	Description of work	No.	Rate / Measurement Rs	as	p	Contents	Total Cost
1	Removing loose boulders lying at Site and dumping them in front of Arch for protection —	Cyd	1	—	—	20	20
2	Removing Sandy Stuff, Slush etc and exposing bed for laying foundation	Cyd	—	4	—	50	13
3	Removing hard Rock by blasting and Stacking them	"	2	—	—	20	40
4	Clearing and removing Rock for preparing bed for foundation	Sft	—	4	—	300	75
5	Laying Cement Concrete for foundation (1 2½ 5)	Cft	—	10	—	700	438
6	Constructing body wall in Rubble Stone in Cement Mortar (1 6)	"	—	10	—	636	398
7	Constructing an R C C Retaining wall in front of Syphon as shown —	"	2	8	—	20	50
8	Constructing a Scouring Sluice in the body wall of Arch with C I Shutter, Kuts' patent locking arrangements etc Complete	Ls				1	100
	Carried Over						1134

Item No		No	Rate Rs	Rs	p	Contents	Total
	Brought Forward						1,134
9	Providing & fixing Deville's Syphons with 1½ diameter pipes, drum, Connections, fixing etc Complete	each	250	-	-	2	500
10	Cement pointing to Ave	Sqr	3	-	-	6	18
11	Cast masting Rough Stone revetment including jelly filling Complete	C.yd	2	8	-	75	188
12	Backing out water			Ls			100
13	Plastering in the Cement Mortar(1:2)	Sqr	8	-	-	1	8
14	Constructing Ring brindle			Ls		1	50
15	Laying a Cement Concrete Slab over the body wall of Ave including plastering (1:2)	C ft	1	-	-	62	62
16	Unforeseen charges		Ls				100
17	Supervision charges						100
		Total				Rs	2260
	Cost of 2nd Ave						2260
	Grand total Rupees						4,529

K S Venkatarama
Sanitary Engineer, 4/5/40
Bureau of Sanitary Engineering,
Bangalore
4/5/40

Carried Over

W D 06341—C PB—48 000—16 7 40

H&W Genl 80] Division

PUBLIC WORKS DEPARTMENT

Details of estimate for Constructing a Masonry Ane across Enne Hole Mudigere Taluk and Installing Automatic Syphon

Item No	Description of work	No.	Measurement L	B	D	Contents	Total
1	Removing loose boulders laying at site and dumping in front of Ane for protection		Ls			20 c yds	20 c yds
2	Removing Sandy Stuff Slush etc and exposing bed for laying foundation Ane	1	50	a 5	a 3	750	
	for Returns	2	12	3	7½	540	
	Bed of Syphon	1	$\frac{11 d^2}{4}$	x½	2	50	
	Total		in c ft			1340 c ft	50 c yds
3	Removing hard rock by blasting and stacking them		Ls			20 c yds	20 c yds
4	Clearing and removing Rock for preparing bed for foundation Ane	1	50	4½	-	225	
	for Returns	2	12	3		72	
	Total		in S ft			297 S ft	300 S ft
5	Laying Cement Concrete for foundation (1 2½ 5)						
	Body wall	1	50	4½	2	450	
	for Returns	2	12	3	2	144	
	Bed for Syphon	1	$\frac{11 D^2}{4}$	x½	2	50	
	Extra for filling hollows etc		Ls			56	
			Total in c ft			700	700 c ft
6	Constructing Bodywall with Rubble Stone in Cement Mortar (1 4)						

Carried Over

Item No		No	L	B	D	Contents	Total
	Brought Forward						
	for Arc	1	50	$\frac{2+3\frac{1}{2}}{2}$	3	413	
	for Returns	2	12	2	3	144	
	Steps	2	$\frac{5+11}{2}$	$3\frac{1}{2}$	5	120	
		Total				667	
	Deduct in body wall for portion where R C C walls built	1	5	$\frac{2+3\frac{1}{2}}{2}$	3	41	
	Balance of Rubble Stone Work					636	636 cft
7	Constructing an R C C retaining wall in front of a Syphon, in the body wall as shown in Plan	1	5	$\frac{1+1\frac{1}{2}}{2}$	$3\frac{1}{2}$	23	23 C ft
8	Constructing a Scouring Sluice in the body wall of arc with C I Shutter & 'Kutt' patent locking arrangements etc Complete	1				1	1 no
9	Providing & fixing Double Syphons with 1½' diameter pipe, Complete in cluding all fixtures etc	2	-	-	-	2	2 no
10	Cement pointing to Body wall of Arc	1	50	8		400	
	Returns	2×2	$\frac{5+12}{2}$	5		170	
	Extra where necessary					30	
		Total in	S ft			600 sft	6.00 Sq
11	Constructing Rough Stone Revetment in front and at sides						

Carried Over

P W Genl 80]

Division

PUBLIC WORKS DEPARTMENT

Details of estimate for

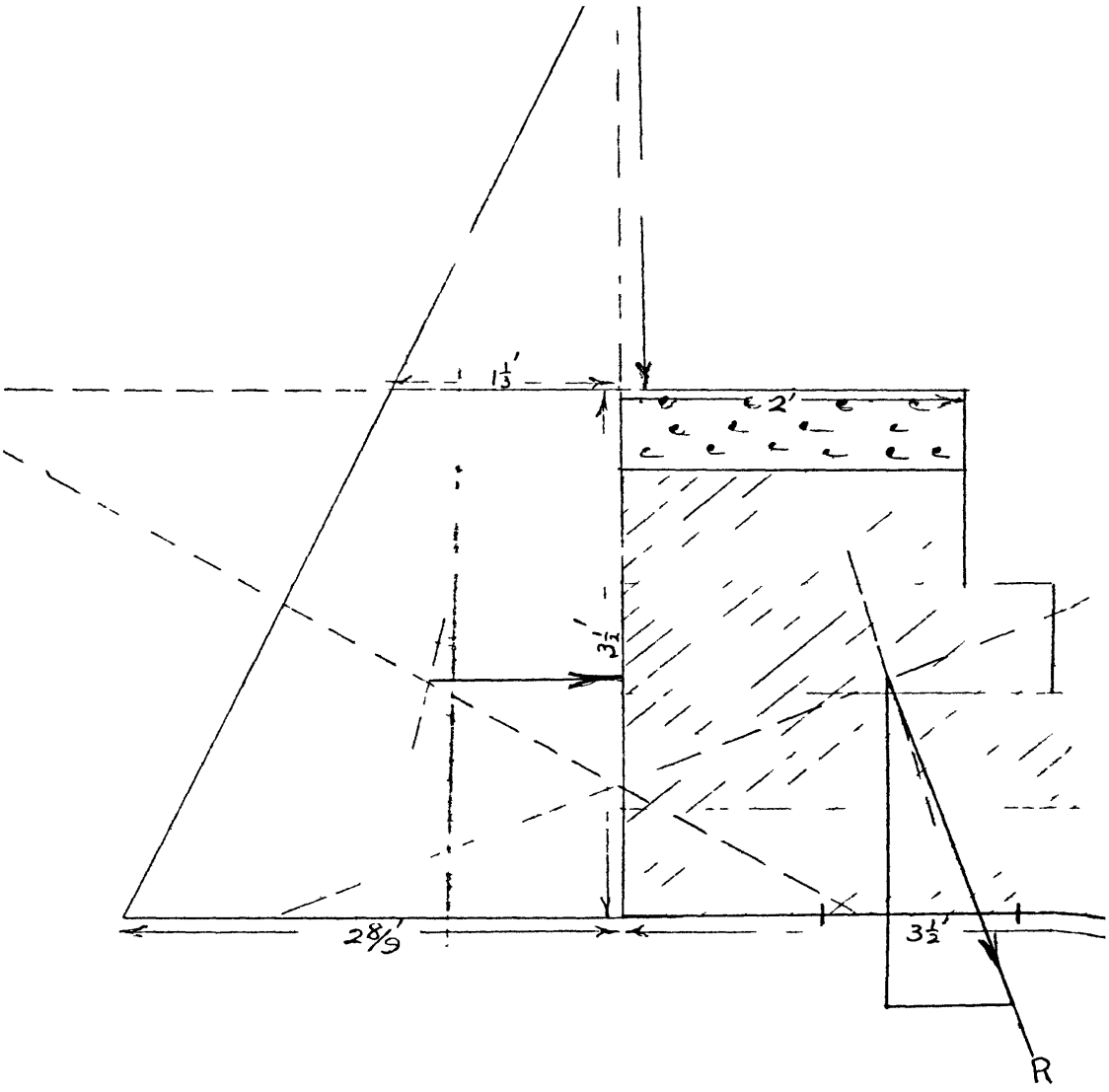
Item No	Description of work	No.	Measurement L	Measurement B	Measurement D	Contents	Total
	Sides of Arch halla including jelly filling etc Complete						
	Sides —	1×4	20	$\frac{2+1\frac{1}{2}}{2}$	8	1120	
	In front of Arch	1	50	10	1½	750	
	In other places					155	
		Total	m c ft			2025	75 c yds
12	Backing out water		L s				100 Rs
13	Plastering in the cement mortar lines of Syphons 1 2	Sqr				1	1 Sqr
14	Constructing Ring band etc			L s			50 Rs
15	Laying a Cement Concrete Slab over the body wall of the Arch including plastering in the Cement mortar 1 2 Arch	1	45	2	½	45	
	over returns	2	11	1½	½	17	
		Total				62	62 c ft
16	Unforeseen		L s				100 Rs
17	Supervision charges		L s				100 Rs

Carried Over

Item No		No	L.	B		
	Brought Forward					
	Carried Over					

W D 06341—GPB—48 000—16 7 40

D 06341—GPB—48 000—16 7 40



NOW

[redacted]agram of ANE section
[redacted]NNE HOLE at MUDIGERE
[redacted] Scale 1" = 1'

Sanitary Engineer,
Bureau of Sanitary Engineering,
Bangalore

Carried Over

Sanitary Engineer
Bureau of Sanitary Engineering

P W Genl 80] Division

PUBLIC WORKS DEPARTMENT

Abstract ~~Details of~~ estimate for permanent Engineering measures for Control of Malaria at Sakrepatna Kadur Dist.

Item No	Description of work	Per No	Rate Measurement Rs L	as B	Rs D	Contents Quantity	Total Cost
1	Earth work felling deep Scours to regrade the bed of the moat	cyd	-	3	-	20285	3804
2	Constructing a retaining wall, with rough Stone in mortar including Earth work excavation etc complete. for protecting the earth from Scouring action at the point B"	cft	-	8	-	120	60
3	Providing and fixing new Burnt Stone Slab 3" to 4" thick over the retaining wall	Sft	-	8	-	30	15
4	Providing Rough Stone apron in front of retaining wall, with Side wings, including earth work excavation etc	cyd	1	8	-	14	21
5	Providing Side Revetment for the irrigation channels within half a mile Zone of the periphery of the Village, with rough Stone and gelly wedging	cyd	1	8		880	1320
6	Acquisition charges		L.S			Rs	2591
			Total Rupees -				7811
			Add Contingencies			Rs	230
			Grand Total Rupees -				8041

Carried Over

Executive Engineer
Sanitary Engineering Bureau
Bureau of Sanitary Engineering

Division

PUBLIC WORKS DEPARTMENT

Details of estimate for the probable cost of permanent Engineering Measures for Control of Malaria at Sakrepatna

Item No	Description of work	No	Measurement L	B	D	Contents	Total
1	Earth work felling for deep Scoures to regrade the bed of the nalas	1	320	40	3 47	44416	
		1	200	40	4 11	32880	
		1	150	40	78	4680	
		1	300	40	1·05	12600	
		1	200	40	2 83	22640	
		1	300	40	2 06	24720	
		1	150	40	1 01	6060	
		1	50	40	1 54	3080	
		1	100	50	3 00	15000	
		1	100	80	2·77	22160	
		1	100	80	2·43	19440	
		1	200	80	3 93	62880	
		1	400	80	3 25	104000	
		1	450	80	1 73	62280	
		1	150	50	3 04	22800	
		1	150	40	2 69	16140	
		1	350	40	1 58	22120	
		Total				497896	
		Add 10% for Settlement				49789	
		Total in cft	-			547685	
					Cyds	or 20285	Cyds 20285
2	Constructing a retaining wall with rough Stone in mortar including Earth-work excavation etc complete, for protecting the earth from the Scouring						

Carried Over

Item No		No	L	B	D	Contents	Total
	Brought Forward						
	from the Scouring action at the point B shown on the Longitudinal Section:-	1	15	2	4	120	120 Cft
3	Providing and fixing new burnt Stone Slab 3 thick over the retaining wall	1	15	2	-	30	30 Sft
4	Providing Rough Stone apron in front of retaining wall with earth-work excavation etc complete -	1	15	2	10	300	
	- Do - rough Stone wings on either side of retaining wall	1	10	1½	6	90	
		Total in cft				390 or in cyds	cyds 14
5	Providing Side Revetment to the irrigation channels within a half a mile Zone of the periphery of the Village with rough Stone & gelly wedging including, earth-work excavation etc Complete -	4	1320	1½	3	23760 or	cyds 880
6	Acquisition Charges		as per			Rs	25-91

Carried Over

W D 06341—GPB—48 000—16 7 40

BIAg
MAP

BETA MAP

Genl 80] Division

PUBLIC WORKS DEPARTMENT

Details of estimate for Canalising the River Vedavati at Hosapet by opening a central canal and Lining the same with R C Concrete

Item No	Description of work	Per No.	Rate Measurement R. L	as B	Rs D	Quantity Contents	Total Cost
1	Earth-work excavation with a lead of 200'ft and filling the old drain	1	660	$\frac{14+9}{2}$	6	45540	
	- do - foundation for Concrete	1	660	10	½	3300	
	Total cu eft -					48840	
	Deduct Earth-work already done	1	660	12	2	-15840	
	Balance in eft					33000	
I						or	
						in cyds 1222 cyds	
						@ 0-4-6 =	305
2	Laying Surke Concrete for foundation	1	660	9	½	cft 2970	
						@ 0-4-6	838
3	R C Lining to the canal $\frac{14+9}{2} \times 6$	1	660			Rft 660	
						@ 9-5-0	6146
4	Add extra for fluctuations in Rise of Iron materials due to war Conditions					Rs	15-00
5	Anchoring with masonry wall at every 240'ft	1	660			Rft 660	
						@ 0-6-0	248
6	Rough Stone pitching for both Sides of Canal including Surke Concrete grouting	2	660	2	¼	3300	
						or	
						in cyds 122 cyds	
	Carried Over					@ 3-0-0 =	366

Item No		No	L	B	D	Contents	Total
	Brought Forward						
7	Baling water		L S			Rs	100
8	Draft clearing		L.S			Rs	50
9	Fixing Shutters to the Right Bank channel		L S			Rs	100
10	Temporary Supervision charges for 1 J H on Rs 20/- for 3 months					Rs	60
			Total Rupees -				9713
	Add contingencies and unforeseen charges						287
			Grand Total Rupees -				10000

Ks Engineers
for Secretary Engineer
Bureau of Sanitary Engineering
Bangalore

15-42

Carried Over

W D 06341—GPB—48 000—16 7 40

Data for Anchoring

No	Brought forward	Unit	Rs	a	p	Quantity	Cost
	Earth-work Excavation —						
	Foundation	1	18	3	$3\frac{1}{2}$	= 189	
	Side walls	2 × 6	× 3 ×	$\frac{2\frac{1}{2}+1\frac{1}{2}}{2}$		= 72	
		Total in cft				261	
						or	
		in cyds. 10	@	0	4-0	=	2-8-0
2	Kurkee concrete	1	18	3	½	27 cft @ 0-4-6	7-9-0
3	Large Stone masonry in Lime mortar					cft	
	Foundation	1	$17\frac{1}{3}$	3	3	156	
	Side walls	2 × 6	× 3 ×	$\frac{2\frac{1}{2}+1\frac{1}{2}}{2}$		72	
		Total in cft				228	
	Deduct for R C frame embeded	1 × 24	× 1 ×	$\frac{5}{12}$		10 cft	
		Balance cft -				218 @	68-0-0
						0-5-0	
		Total for 240 ft					78-1-0
		1 ft Rate					0-6-0

Executive Engineer
& Sanitary Engineer
Bureau of Sanitary Engineering
Bangalore
17/5/44

Carried over

No	Brought forward	Unit	Rs	a.	p	Quantity
	Carried over					

Data for Constructing one foot-length of R-C Lined Canal

WD 02327—GPB—12 000—30 8 39

No	Brought forward	Unit	Rs	a	p	Quantity	Cost
I	Mild Steel bars –						
	a) Frames No 5						
	3/8" —	180 × 5 =		900		Rft	
	1/4" —	100 × 5 =		500		"	
	b) Struts between frames No 24						
	1/4" ——	40 × 24 =		960		Rft	
	1/8" ——	10 × 24 =		240		"	
	c) Struts between frames No 12						
	Sides 1/4" = 25 × 12 =			300		Rft	
	1/8" = 6 × 12 =			72		Rft	
	d) Struts between frames bottom No 6						
	1/4" ——	40 × 6 =		240			
	1/8"	10 × 6 =		60			
	e) R c Slabs for Sides No 36						
	1/4" 60 × 36 =			2160			
	R c Slabs for bottom No 24						
	1/4" — 60 × 24 =			1440			
	Total Steel 3/8" ——			900 Rft or 3 cwt			
	1/4" ——			5600 Rft or 8 3 cwt			
	1/8" ——			372 Rft or 0 16 cwt		11 20	
				@ 16-8-0			190-8-0
2)	Fabrecation	10 1/2 cwt	@	1-0-0	=		10-8-0
3)	Bending wire		L S			Rs	1-8-0
4)	Strutting and moulding Charges		L S			Rs	25-0-0
5)	Cement Concrete frame	5 × 23 × 1 × 5/12 =		48			
	Struts	30 × 8 × 1/4 × 1/4 =		15			
	— do —	12 × 5 × 1/4 × 1/4 =		4			
	Side Slabs	36 × 8 × 2 × 1/6 =		96			
	Bottom Slabs	24 × 8 × 2 1/4 × 1/6 =		72			
		Total in cft =		235			
		@ 0-10-0 per cft =					147-0-0

Carried over

No	Brought forward	Unit	Rs	a.	p	Quantity	Cost
6	Pro c g Cutches	No	120 @	0	4	0 =	30 ·
7	cement mortar Pointing the joints	1 x 48 x 22 = 10 5					
		@ 1-8-0 a Sqr				10 5	15 - 1[redacted]
		Total Cost Rs -					420 - 4 - [redacted]
		Add Contractor's Profit at 10% on 273					27 - 5 - [redacted]
		Total Rs -					447 - 9 -
		Total per Rft - 9 - 5 - 0					

Recommended
4/15/41
Sanitary Engineer
Bureau of Sanitary Engineering
Bangalore
4/15/41

Carried over

MAP BED

Appendix F G —1]

SUBJECT

Diary No of letter replied to

General and Revenue Secretariat

( )

the *194*

Date of issue 31 5 43

Signed by HV G R Rao

List of enclosures

Copied by Kleu! 25/5

Examined by

Section Rel

File No

Serial No

To, The Director of Public Health in Mysore

No L 11694

Sir

I am directed to invite reference to this office letter No. L 8587/Rel 97-41-39 dt 25/2/43 re the adoption of engineering measures for the control of malaria at Hosapur, Kotta, Mudigere, Belur and Sakrepatna and to request that the information called for therein may be kindly furnished without any further delay as the matter is extremely urgent and it has to be brought to the notice of Government soon.

I have etc

for 28/5/43

for Secy to Govt

Genl Revd Dept

WD 04161—GPB—60 000—24 10 41

GOVERNMENT OF MYSORE

DEPARTMENT OF PUBLIC HEALTH

7073

P PARTHASARATHY L M S B S SC
L R C P L R C S D T M D P H
DIRECTOR OF PUBLIC HEALTH

TELEPHONE No 2144
TELEGRAM HEALTH

SUPERINTENDENT

BUREAU OF MALARIOLOGY
SESHADRI ROAD

No B M 2608

Encl

Bangalore (S India) dated June 7, 1943

From

The Director of Public Health
in Mysore, Bangalore

To

The Secretary to Government,
Law Department, Bangalore

Sir,

With reference to your letter No G 10952/P H dated 16th March 1943 forwarding the petition from the public of Hiriyur taluk and the members of the Municipal Council, Hiriyur town regarding anti malaria engineering works in Hiriyur town and in continuation of this office letter No.BM 2550 dated 27-5-1943, I have the honour to state that the statement that an estimate for Rs 67,500/- for anti malaria works has been sanctioned, is not correct The estimate has been submitted to Government and sanction is awaited However part estimates as noted below for first and second stages of the work have been sanctioned and expenditure also booked as noted

	Amount of estimate	Expenditure booked
1. Malaria Control work in Hiriyur (First Stage)	7,000/-	8,252/-
2 -do- Second Stage	3,700/-	4,540/-
3 Construction of a masonry sluice for flushing the channel at Hiriyur	2,922/-	not yet sanctioned

The Sanitary Engineer and the Superintendent, Bureau of Malariology are both jointly inspecting Hiriyur town and preparing an up-to-date estimate for present requirements to tackle the problem. The fresh estimate, as soon as it is ready, will be submitted to Government for sanction

I have the honour to be,
Sir,
Your most obedient servant,

P. Parthasarathy

Director of Public Health

kss

Serial No

light of the rates prevailing at present
In regard to Sakrepatna, a comprehensive
scheme has been prepared But as the
Minister L.S.G. has been pleased to state
in connection with the petition of the
residents of this village about the fitting
up of the Bunds at the place that he
would inspect it before passing orders,
perhaps the works now already undertaken
& those to be executed hereafter may be shown
to the Minister & then the question of
taking up further works here may be
decided in the light of the instructions which
the Minister may be pleased to give
If further there is no money available
to the extent of Rs 42,764 for these works &
an addl grant will have to be asked
under Zamindaree Improvement (Minor a reserve
of about Rs 15,000/- under this head now)
Having regard to all the facts stated
above, it is for orders of the Govt if it
may not be requested to send up well considered A
detailed scheme & estimates for each Zamindaree
before the end of June 42 so that the required
provn may be made therefor in the State Budget
for 42-43

Lr recd from
Minister
LSG)

1) 'A' may be approved 19/2/42
Hm 22/2/42

18/2/42

for Addl Secy 21/2/42 Hm 23/2/42

SECY LA & DEPT
638
20 FEB 1942
GOVT OF MYSORE
OFFICE OF THE MINI
FOR L S G & P I
Date 22nd Feb 42
No 6376

3519/gen

Engineering works for anti malaria measures in certain towns in the Madras

General and Revenue Secretariat | File No | of 194 | [App F III-2

Serial No	
	is invited hereto and kind attention is invited to paras from 15 to 27 of the note.
	MRD 4/1/42 by 5-1 — G/67/1
+ Retained in the Secretariat	X The files were re-examined as per instructions & the proposals contained in this file are not included in the scheme under the consideration of Govt. The file may be returned to the Log branch.
	MRD 17/1/42 by 17-1 — L.S.S. 52 — G/17/1
	The Dir of P. H was requested to intimate the amount of grant that would be required during the year 1941-42 for anti-malaria measures being in the nature of decoy 41, submitted information to the effect that a sum of Rs 42,761 would be required for anti-malaria Engineering works in 5 towns in the Chittoor, Nellore & Kadapa Dists.
	It A perusal of the note accompanying the recommendation shows that in all these cases either the detailed estimates have yet to be got framed or those estimates which are framed require revision in the

NOTE—Cont Sheet

WD 041 5—GPB—50 000—23-10-41

Grant for Engineering Measures for anti malaria in certain towns in the Malnad

File No of 194 | General and Revenue Secretariat

Serial No

No Scheme of anti malaria Measures in the State is under Consideration of Govt There are only Schemes for anti malaria measures including general Health improvement by antimalaria measures in the Irwin Canal Area and Control of Malaria and other preventible diseases in the Malnad

The proposal under consideration in this file is not included in the Latter Scheme which pertains to the Malnad area only It pressed before returning

31/12/41 by 31/12

Is there no file about Airstrip?

31/12

A revised estimate amounting to Rs 67,376 for Engineering Measures in respect of Hariyur Belur, Mudigere, Sakrepatna & Kolar was received from the Director of P H He has been asked to submit a more detailed report as to the Measures proposed necessary in the budget for 1941-42; but this is not included in the General Scheme of anti malaria & general Health measures now under Consideration of Govt for Malnad The file regarding the revised estimate

3720/E

General and Revenue Secretariat

Engineering works for malaria control in the several towns — T I grants therefor

ML File No 97 of 1941 42 35/19 [App F III—2

Serial No	
	To, The Dir of P H L 1708 dt 28th aug 1941 Calls for proposal re the estimated amounts that may be required in connection with the ~~engineering~~ schemes works for malaria control out of the T I grants for 1941-42.
	From, The Dir of P H Letter no BE 1576 dt 12th Dec 1941 States that the total estimated amount required during the current year out of the T I grants for executing engineering works for controlling malaria at Shirajur, Belur, Mudigere, Koppa, and Sakrepatna is Rs 42,761 as per details noted in the letter
	Submitted for orders Sd/- 24/12
	1- A Copy of G O apportioning the T I Grant for 1941-42 and also the file relating to Sakrepatna may kindly be put up
	Sd/- 26/12
	2 A grant of Rs 1500 has been allotted for the purpose from the T I grant
	3 Sakrepatna question has been separately disposed of
	4 The G M Br may be consulted on the proposals mentioned by the DP & have been included in the General Scale of anti malarial Measures for the State
	Sd/- 27/12

PM 30-12

NOTE—Contn. Sheet

WD 041o5—GPB—55 000—23 10 41

Sd/- G. M. Bramley

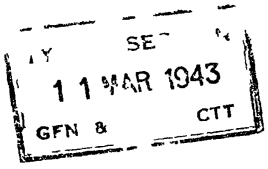
Draft forwarding a copy the extract to D P H for a report is submitted for approval

10 3 43

Phone enter the date of the petition

Issue by 6/3

Petition not dated



To

The Director of Public Health

G 10952 of 16-3-43

Extract from the petition from the public of Honnegere for a report

6318/43

Letter No B M 2608 dated 7 6 43 from the D P H submitting a report on the petition from the people of Honnegere Taluk and members of Local Board regarding anti-malaria Engineering works in Honnegere town

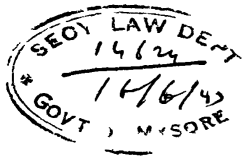
The D. States that the estimate prepared and submitted to Govt has to be sanctioned still, but an approximate estimate is under preparation and will be submitted to Government for sanction. He has however furnished information as to the expenditure so far incurred in connection with the anti-malaria works

A | The P to seek may also be consulted as to the village at which the malaria camps each consisting of anti-malaria Engineering works submitted formerly

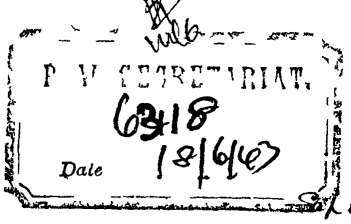
A may be done

Law by

by 15/6



16-6-43
by 16/6



(Let one seen VS)

16643

For kindly furnishing the information required at A supra

40549
16/6

Chief Engineer
with Compts

LORE

16/6

ation

2720 Engineering works for malaria control

Subject Petition from the residents of Kerrigan Drive re. anti-malaria Engineering works 7073

This can be dealt with by the Engr Officer when the matters under consideration can be submitted for Council's information with reference to para 5 supra

Eng
10/8/43
CE

by
10/8

Submitted for records & this matter sent to Engr Officer when the matters for consideration

Eng
11/8/43
CE

by 11/8

Supt Engineering
re hop up above

11/8/43

Subject matter an urgent reminder to Engr. re the attached file. It has caused me much trouble & I would be glad if action could be taken, if approved

for 16/9/43

Yes for 17/9/43

U30

(4) Before addressing the DPH in the matter re the estimate Land Stone been sent by them. The DEE DT also may be consulted if any estimate has been received there and pending sanction

12/7/43

(6) A'ys early

U30

(6)

BRANCH

(7) Sub) Estimates for undertaking Engineering Works for the Control of Malaria among other places and Jorhat is under consideration in the Medical Dte (Memo 97-41) Information called for from the Director in the matter is awaited.

(8) Personal reminder when no reply required

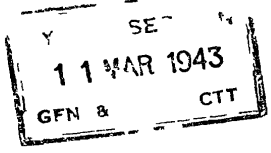
Asst Engr (Mrs) 9/8/43

Engr 8

draft forwarding a copy the extract to D P W for a report is submitted for approval

NF
10 3 43

Phone enter the date of the petition (petition not dated)
Issue by 4/3



To

The Director of Public Health

C 10952 of 16-3-43

The extract from the petition from the public of Hanguranketha for a report

Govt
NF
17/3

Letter No B M 2608 dated 7 6 43 from the D P W submitting a report on the petition from the public of Hanguranketha and members thereof regarding anti malaria Engineering works in Hanguranketha

The Dr states that the estimate prepared and submitted to Govt has to be sanctioned still, but an item up to date estimate is under preparation and will be submitted to Govt for sanction He has however furnished information as to the expenditure so far incurred in connection with the above works

A | The P W D may also be consulted as to the sum of Rupees at which the smaller schemes can be sanctioned relating to anti malaria Engineering works submitted formerly

A may be done

Law by 15/6

SECY LAW DEPT 14 JUN 14/6/43 GOVT, OF CEYLON

NF
13 6 43

P W SECRETARIAT 6318 Date 18/6/43

Govt 16-6-43 by 16/6

(Not now seen WS)

NF
16 6 43

F
40549
15/6
24/6/43

for kindly furnishing the information required at A supra

Chief Engineer with Compliments

G LOYE

21/6

5114/Gms

(1) Extract relating to P H from the petition dated nil from the public of Hanamkonda Taluk and the Town Municipal members addressed to the Minister for public Health & L S G (Petition registered No 3141/L

Extract

3) (2) ములీ రియూ కంట్రోల్ ఆర్డరు మీర్కనూంలో ఇంజెక్షియంగ్ లక్ష్మీ కొరకు కొన్న వర్తులు

(2) ములీ రియూ కంట్రోల్ ఆర్డరు మీర్కనూంలో ఇంజెక్షియంగ్ లక్ష్మీ కొరకు కొన్నవారికి ఇరిగేషన్ కమిటీ వారు మన్ను డ్రైవర్ట్ ఆటో ~~ట్రాక్టర్~~ మీద రవాణా చేసుకోవడానికి పర్మిట్ కోరితే రవాణాకర్తలు మిన్నకుండి కొంతకాలానికి 1938-39 లో 60570 రూపాయిగ్యాగో ఒండు ట్రేడ్ పర్మిట్ దవారు వసూలు చూపి 38-39 లో రూ 7000

39-40 లో రూ 6000

40-41 లో రూ 8500

మొత్తం రూ 21500 గ్రాంటు పర్మిట్ దవారా

కోరుకొన్నవారు ——— 38-39 లో 11964 రూ

39-40 లో 6000

40-41 లో 200

రూ 11764 మాత్రమే వసూలు అయినది

కలెక్టరు ఆదేశం ప్రకారం ఇరిగేషన్ ఇంజనీర్ ఈ కలెక్షన్ మొత్తం ప్రభుత్వానికి చెల్లించవలసిందిగా ఆదేశించడం జరిగింది

దయచేసి ఈ విషయాన్ని కమిషనర్ గారి దృష్టికి తీసుకొని వెళ్ళి ఈ విషయం [illegible] ఆదేశాలు వెంటనే రాసినట్లయితే [illegible]

[illegible]